FD100-150NM1S Series

Diesel Counterbalance
6 Wheel Pneumatic Tyres • 10.0 – 15.0 tonnes

FD100NM1S FD120NM1S FD135NM1S FD150NM1S

Engineered to perform... built to last

Demanding applications can take a toll on your forklift trucks... and your budgets. That's why this series of 10.0 to 15.0 tonne diesel counterbalance trucks has been specially developed to deliver outstanding lifting performance and non-stop reliability.

The secret to this series' powerful performance is its turbocharged six-cylinder diesel engine. Its high-efficiency drivetrain, featuring six-speed automatic transmission, converts engine power to torque for optimal power in rugged applications. The low-speed torque gives controlled, yet powerful, acceleration unlocking maximum productivity.

A forklift, however, is only as productive as its operator, so every model is highly intuitive to drive – giving operators the precise, predictable and effortless performance they need to maximise their potential – whatever the environment.

In short, it's everything you'd expect from a Mitsubishi forklift... and then some

Frame and body

- Optimal counterweight design delivers ideal weight positioning, allowing for a shorter turning radius with maximum residual capacity.
- Full-floating drive axle increases load capacity for heavy-duty applications.
- Robust steer axle is all-in-one, ensuring exceptional strength and rigidity.
- Heavy-duty steel frame optimised by finite element modelling offers superior durability
- Low centre of gravity and rugged design result in higher residual capacity.
- Low counterweight design provides optimum visibility during reverse operations.
- Fully enclosed wheel arches protect vital components from dust – minimising the risk of premature failure and reducing noise.

Mast and fork assembly

- High visibility mast utilises narrow mast channels and slim lift cylinders to provide exceptional operator visibility.
- Six-roller mast with side rollers

 as standard ensures load stability,
 while keeping fork lift tips and load in full view.
- Easy-to-reach lubrication points allow for easy maintenance.





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| 1.1 Manufacture (abbreviation) | | Characteristics | | | | | | |
|--|------|---|-------|-----------------|-----------------------------|-----------------------------|--------------------------|--|
| 1.2 Manufacturer's model designation P0 December Decemb | 1.1 | | | | Mitsubishi | Mitsubishi | Mitsubishi | |
| 1.3 Power source: (beflety, desired, I/P pas, petrol) Seeled Diesel Diesel | | | | | | FD120NM1S | FD135NM1S | |
| 1.4 Operator types peckerismin, operatorly-standing, -sected O (rgl) 10000 12000 135000 | | | | | Diesel | Diesel | Diesel | |
| 1.5 All load dearne, owle to fork face (forks lowered) x (mm) 755 755 750 13 Wheelbase y (mm) 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 2800 | | | | | Seated | Seated | Seated | |
| 1.6 At lead centre | 1.5 | Load capacity | Q | (kg) | 10000 | 12000 | 135000 | |
| 1.8 Lacad distance, and to fork face (forks lowered) | | At load centre | С | | 600 | 600 | 600 | |
| Veget Veg | | Load distance, axle to fork face (forks lowered) | Х | (mm) | 755 | 765 | 790 | |
| 2.1 Tuck weight, without lead / including battery (simplex mast, lowest lift height) kg 2200 / 2460 25150 28010 / 3030 283 Ade loading withmast mast function mast, lowest lift height) kg 7355 / 7305 7310 / 8590 7805 / 9735 7806 | 1.9 | Wheelbase | у | (mm) | 2800 | 2800 | 2800 | |
| 22 Able loading with maximum load, front/rear (simplex mast, lowest lift height) kg 22200 / 2460 25150 28101 / 3030 28107 / 30 | | Weight | | | | | | |
| 23 | 2.1 | Truck weight, without load / including battery (simplex mast, lowest lift height) | | kg | 14660 | 15900 | 17540 | |
| 1 | 2.2 | Axle loading with maximum load, front/rear (simplex mast, lowest lift height) | | kg | 22200 / 2460 | | 28010 / 3030 | |
| 3.1 Type Type V-solid, Le-pneumatic, SE-solid pneumatic - front/rear 1.00 × 20-14R 1.000 × 20-14R | 2.3 | Axle loading without load, front/rear (simplex mast, lowest lift height) | | kg | 7355 / 7305 | 7310 / 8590 | 7805 / 9735 | |
| 3.2 Ying dimensions, front | | | | | | | | |
| 3.3 Yew dimensions, rear | 3.1 | Tyre type: V=solid, L=pneumatic, SE=solid pneumatic - front/rear | | | L/L | L/L | L/L | |
| Sumber of Wheels, Front/mar (x-c-driven) | 3.2 | Tyre dimensions, front | | | $10.00 \times 20-14 PR$ | $10.00 \times 20-16 PR$ | $10.00 \times 20-18 PR$ | |
| Tack width (centre of tyres), front | | Tyre dimensions, rear | | | | $10.00 \times 20-16 PR$ | | |
| Track width (centre of fyres), rear 1965 1965 1965 1925 | 3.5 | Number of wheels, front/rear (x=driven) | | | 4x / 2 | 4x / 2 | | |
| Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dimensions Dime | 3.6 | Track width (centre of tyres), front | b10 | (mm) | 1905 | 1905 | | |
| Mast Bitt, forwards/backwards α / β ° 15 / 12 15 / 12 15 / 12 2 2 2 2 2 2 2 2 2 | 3.7 | | b11 | (mm) | 1965 | 1965 | 1925 | |
| Height with mast lowered (see tables) ht (mm) 3240 3340 3480 | | | | | | | | |
| A3 Free lift (see tables) | | | | 0 | | 15 / 12 | 15 / 12 | |
| Lift height (see tables) | | , , | | (mm) | | | | |
| 4.5 Overall height with mast raised h4 mm 4890 4890 5130 4.7 Height to top of verhead guard h6 mm 2915 2915 2960 4.8 Seat height h7 mm 1915 1915 1996 4.12 Tow coupling height h7 mm 1915 1915 1996 4.13 Tow coupling height h10 mm 695 695 740 4.19 Overall length 11 mm 5530 5610 5755 4.20 Length to fork face (includes fork thickness) 12 mm 4308 4386 4537 4.21 Overall width h10 mm 2515 2515 2605 4.22 Fork climasions (thickness, width, length) s / e / 1 mm 72 × 1818 × 1220 79 × 180 × 1220 4.23 Fork carriage width h3 mm 2010 2010 2260 4.24 Fork carriage width h3 mm 2010 2010 2260 4.25 Ground clearance art centre of wheelbase, with load m1 mm 260 260 305 4.33 Ground clearance art centre of wheelbase, with load (forks lowered) m2 mm 310 310 355 4.34 Working aisle width with 800 x1200 mm pallets, lengthwise Ast mm 6170 6240 6330 4.34 Working aisle width with 800 x1200 mm pallets, lengthwise Ast mm 6170 6240 6330 4.35 Turning circle radius Ma mm 4000 4060 4160 4.36 Minimum distance between centres of rotation b13 mm 24.5 / 30.0 23.0 / 29.5 5.1 Tavel speed, with/without load m/s 0.46 / 0.48 0.46 / 0.48 0.48 / 0.40 5.2 Lifting speed, with/without load m/s 0.46 / 0.48 0.46 / 0.48 0.48 / 0.40 5.3 Rated drawbar pull, with/without load m/s 0.46 / 0.48 0.46 / 0.48 0.48 / 0.40 5.4 Rated drawbar pull, with/without load m/s 0.46 / 0.48 0.46 / 0.48 0.48 / 0.40 6.5 Rated drawbar pull, with/without load m/s 0.46 / 0.48 | 4.3 | , | | (mm) | | 79 | 88 | |
| Height to top of overhead guard height to top of overhead guard height to top of overhead guard his | | | | (mm) | | | | |
| A8 Seat height | 4.5 | | | (mm) | | | | |
| A-12 Tow coupling height | | · · | | (mm) | | | | |
| A-19 Overall length 11 (mm) 5530 5610 5755 A-20 Length to fork face (includes fork thickness) 12 (mm) 2515 2515 2605 A-21 Overall width 51 (mm) 2515 2515 2605 A-22 Fork dimensions (thickness, width, length) 5 (mm) 2515 2515 2605 A-23 Fork carriage width 5173 AP/no no no no A-24 Fork carriage width 5173 AP/no no no A-24 Fork carriage width 5173 AP/no no no A-25 Fork carriage width 5173 AP/no no no A-26 Fork carriage width 2010 2010 2260 A-31 Ground clearance under mast, with load (forks lowered) m1 (mm) 260 260 305 A-32 Ground clearance at centre of wheelbase, with load (forks lowered) m2 (mm) 310 310 355 A-33 Working aisle width with 1000 x1200 mm pallets, crosswise Ast (mm) 5970 6040 6160 A-34 Working aisle width with 300 x1200 mm pallets, lengthwise Ast (mm) 4000 4060 4160 A-35 Turning circle radius Wa (mm) 4000 4060 4160 A-35 Minimum distance between centres of rotation b13 (mm) 1565 1565 1565 A-36 Minimum distance between centres of rotation b13 (mm) 1565 1565 1565 Travel speed, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 A-35 Litting speed, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 A-36 Cardeability, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 A-37 Gradeability, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 A-38 A-38 (mm) 2000 2 | | | | (mm) | | | | |
| Length to Fork face (includes fork thickness) 12 mm 4308 4386 4537 | | | | (mm) | | | | |
| A21 Overall width S Mm Past S S S S S S S S S | | | | . , | | | | |
| A-22 Fork dimensions (thickness, width, length) S / e / I (mm) 72 × 180 × 1220 79 × 180 × 1220 88 × 180 × 1220 | | , | | (mm) | | | | |
| Fork carriage to DIN 15 173 A/B/no | | | | (mm) | | | | |
| 4.24 Fork carriage width B3 (mm) 2010 2010 2260 | | | s/e/I | (mm) | $72 \times 180 \times 1220$ | $79 \times 180 \times 1220$ | 88 × 180 × 1220 | |
| 4.31 Ground clearance under mast, with load m1 (mm) 260 260 305 | | · · | | | | | | |
| 4.32 Ground clearance at centre of wheelbase, with load (forks lowered) m2 (mm) 310 310 355 4.33 Working aisle width with 1000 x1200 mm pallets, crosswise Ast (mm) 5970 6040 6160 4.34 Working aisle width with 800 x1200 mm pallets, lengthwise Ast (mm) 6170 6240 6360 4.35 Turning circle radius Wa (mm) 4000 4060 4160 4.36 Minimum distance between centres of rotation b13 (mm) 1565 1565 Terrormance 5.1 Travel speed, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 5.2 Lifting speed, with/without load m/s 0.46 / 0.50 0.39 / 0.50 0.34 / 0.42 5.2 Lifting speed, with/without load m/s 0.46 / 0.48 0.46 / 0.48 0.48 / 0.40 5.5 Rated drawbar pull, with/without load m/s 31.6 / 21.9 27.2 / 19.8 22.7 / 19.0 5.7 Gradeability, with/without load m/s 61.61. 60.61. 1.0 1.0 | | • | | (mm) | | | | |
| 4.33 Working aisle width with 1000 x1200 mm pallets, lengthwise Ast (mm) 5970 6040 6160 4.34 Working aisle width with 800 x1200 mm pallets, lengthwise Ast (mm) 6170 6240 6360 4.35 Turning circle radius Wa (mm) 4000 4060 4160 4.36 Minimum distance between centres of rotation b13 (mm) 1565 1565 **Performance**** 5.1 Travel speed, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 5.2 Lifting speed, with/without load m/s 0.46 / 0.50 0.39 / 0.50 0.34 / 0.42 5.3 Lowering speed, with/without load m/s 0.46 / 0.48 | | | | , , | | | | |
| 4.34a Working aisle width with 800 x1200 mm pallets, lengthwise Ast (mm) 6170 6240 6360 4.35 Turning circle radius Wa (mm) 4000 4060 4160 4.36 Minimum distance between centres of rotation b13 (mm) 1565 1565 Travel speed, with/without load 5.1 Travel speed, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 5.2 Lifting speed, with/without load m/s 0.46 / 0.50 0.39 / 0.50 0.34 / 0.42 5.3 Lowering speed, with/without load m/s 0.46 / 0.48 0.45 / 0.48 0.46 / 0.48 0.46 / 0.48 0.46 / 0.48 0.46 / 0.48 0.46 / 0.48 0.46 / 0.48 0.46 / 0.48 0.46 / 0.48 0.46 / 0.48 0.46 / 0.48 0. | | | | . , | | | | |
| Turning circle radius Wa (mm) 4000 4060 4160 | | · · | | (mm) | | | | |
| Minimum distance between centres of rotation b13 (mm) 1565 1565 1565 | | | | . , | | | | |
| Performance Framework Travel speed, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 | | Turning circle radius | | (mm) | | | | |
| 5.1 Travel speed, with/without load (mm) 24.5 / 30.0 23.0 / 29.5 20.5 / 30.0 5.2 Lifting speed, with/without load m/s 0.46 / 0.50 0.39 / 0.50 0.34 / 0.42 5.3 Lowering speed, with/without load m/s 0.46 / 0.48 0.46 / 0.48 0.48 / 0.40 5.5 Rated drawbar pull, with/without load N 73000 / 34000 72000 / 33000 67000 / 35000 5.7 Gradeability, with/without load % 31.6 / 21.9 27.2 / 19.8 22.7 / 19.0 5.10 Service brakes (mechanical/hydraulic/electric/pneumatic) Pneumatic Pneumatic Pneumatic Preumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pne | 4.36 | | b13 | (mm) | 1565 | 1565 | 1565 | |
| 5.2 Lifting speed, with/without load m/s 0.46 / 0.50 0.39 / 0.50 0.34 / 0.42 5.3 Lowering speed, with/without load m/s 0.46 / 0.48 0.46 / 0.48 0.48 / 0.40 5.5 Rated drawbar pull, with/without load N 73000 / 34000 72000 / 33000 67000 / 35000 5.7 Gradeability, with/without load % 31.6 / 21.9 27.2 / 19.8 22.7 / 19.0 5.10 Service brakes (mechanical/hydraulic/electric/pneumatic) Pneumatic Pneumatic Pneumatic ID Engine 7.1 Manufacturer / Type 6D16-TL 6D16-TL 6D16-TL 6D16-TL 7.2 Rated output B to ISO 1585 kW 100 100 100 7.3 Rated speed to DIN 70 020 rpm 2200 2200 2200 7.4 Number of cylinders / cubic capacity cm³ 6 / 7550 6 / 7550 6 / 7550 8.1 Type of drive control Powershift / 3 Powershift / 3 Powershift / 3 8.2 Maximum operating pressure for attachments bar 206 206 206 8.3 Oil flo | | | | | | | | |
| 5.3 Lowering speed, with/without load m/s 0.46 / 0.48 0.48 / 0.40 5.5 Rated drawbar pull, with/without load N 73000 / 34000 72000 / 33000 67000 / 35000 5.7 Gradeability, with/without load % 31.6 / 21.9 27.2 / 19.8 22.7 / 19.0 5.10 Service brakes (mechanical/hydraulic/electric/pneumatic) Pneumatic Pneumatic Pneumatic **** Preumatic** Pneumatic Pneumatic Pneumatic Pneumatic *** Preumatic Pneumatic 10 | | | | . , | | | | |
| 5.5 Rated drawbar pull, with/without load N 73000 / 34000 72000 / 33000 67000 / 35000 5.7 Gradeability, with/without load % 31.6 / 21.9 27.2 / 19.8 22.7 / 19.0 5.10 Service brakes (mechanical/hydraulic/electric/pneumatic) Pneumatic Pneumatic Very Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic Pneumatic | | 5 T 7 | | | | | | |
| 5.7 Gradeability, with/without load % 31.6 / 21.9 27.2 / 19.8 22.7 / 19.0 5.10 Service brakes (mechanical/hydraulic/electric/pneumatic) Pneumatic Pneumatic Pneumatic IC Engine 7.1 Manufacturer / Type 6D16-TL 6D16-TL 6D16-TL 6D16-TL 7.2 Rated output B to ISO 1585 kW 100 100 100 7.3 Rated speed to DIN 70 020 rpm 2200 2200 2200 7.4 Number of cylinders / cubic capacity cm³ 6 / 7550 6 / 7550 6 / 7550 Miscellaneous 8.1 Type of drive control Powershift / 3 Powershift / 3 Powershift / 3 8.2 Maximum operating pressure for attachments bar 206 206 206 8.3 Oil flow for attachments I/min - - - - 8.4 Noise level, mean value at operator's ear dB(A) 85 85 85 | | | | | | | | |
| 5.10 Service brakes (mechanical/hydraulic/electric/pneumatic) Pneumatic Pneumatic Pneumatic IC Engine 7.1 Manufacturer / Type 6D16-TL 6D16-TL 6D16-TL 7.2 Rated output B to ISO 1585 kW 100 100 100 7.3 Rated speed to DIN 70 020 rpm 2200 2200 2200 7.4 Number of cylinders / cubic capacity cm³ 6 / 7550 6 / 7550 6 / 7550 Miscellaneous 8.1 Type of drive control Powershift / 3 Powershift / 3 Powershift / 3 8.2 Maximum operating pressure for attachments bar 206 206 206 8.3 Oil flow for attachments l/min - - - - 8.4 Noise level, mean value at operator's ear dB(A) 85 85 85 | | | | | | | | |
| C Engine C Engine C C C C C C C C C | | | | % | | | | |
| 7.1 Manufacturer / Type 6D16-TL 6D16-TL 6D16-TL 7.2 Rated output B to ISO 1585 kW 100 100 100 7.3 Rated speed to DIN 70 020 rpm 2200 2200 2200 7.4 Number of cylinders / cubic capacity cm³ 6 / 7550 6 / 7550 6 / 7550 Miscellaneous 8.1 Type of drive control Powershift / 3 Powershift / 3 Powershift / 3 8.2 Maximum operating pressure for attachments bar 206 206 206 8.3 Oil flow for attachments l/min - - - 8.4 Noise level, mean value at operator's ear dB(A) 85 85 85 | 5.10 | | | | Pneumatic | Pneumatic | Pneumatic | |
| 7.2 Rated output B to ISO 1585 kW 100 100 100 7.3 Rated speed to DIN 70 020 rpm 2200 2200 2200 7.4 Number of cylinders / cubic capacity cm³ 6 / 7550 6 / 7550 6 / 7550 Miscellaneous 8.1 Type of drive control Powershift / 3 Powershift / 3 Powershift / 3 8.2 Maximum operating pressure for attachments bar 206 206 206 8.3 Oil flow for attachments l/min - - - 8.4 Noise level, mean value at operator's ear dB(A) 85 85 85 | | | | | | | | |
| 7.3 Rated speed to DIN 70 020 rpm 2200 2200 2200 7.4 Number of cylinders / cubic capacity cm³ 6 / 7550 6 / 7550 6 / 7550 Miscellaneous 8.1 Type of drive control Powershift / 3 Powershift / 3 Powershift / 3 8.2 Maximum operating pressure for attachments bar 206 206 206 8.3 Oil flow for attachments l/min - - - 8.4 Noise level, mean value at operator's ear dB(A) 85 85 85 | 7.1 | | | | | | | |
| 7.4 Number of cylinders / cubic capacity cm³ 6 / 7550 6 / 7550 6 / 7550 Miscellaneous 8.1 Type of drive control Powershift / 3 Powershift / 3 Powershift / 3 8.2 Maximum operating pressure for attachments bar 206 206 206 8.3 Oil flow for attachments l/min - - - 8.4 Noise level, mean value at operator's ear dB(A) 85 85 85 | | | | | | | | |
| Miscellaneous8.1Type of drive controlPowershift / 3Powershift / 38.2Maximum operating pressure for attachmentsbar2062062068.3Oil flow for attachmentsI/min8.4Noise level, mean value at operator's eardB(A)858585 | | | | - | | | | |
| 8.1 Type of drive control Powershift / 3 Powershift / 3 Powershift / 3 8.2 Maximum operating pressure for attachments bar 206 206 206 8.3 Oil flow for attachments l/min - - - 8.4 Noise level, mean value at operator's ear dB(A) 85 85 85 | 7.4 | | | cm ³ | 6 / 7550 | 6 / 7550 | 6 / 7550 | |
| 8.2 Maximum operating pressure for attachments 8.3 Oil flow for attachments 8.4 Noise level, mean value at operator's ear 8.5 Maximum operating pressure for attachments 8.6 L/min 8.7 L/min 8.7 L/min 8.8 L/min 9.8 | | | | | | | | |
| 8.3 Oil flow for attachments I/min 8.4 Noise level, mean value at operator's ear dB(A) 85 85 85 | | | | | | | | |
| 8.4 Noise level, mean value at operator's ear dB(A) 85 85 | | | | | 206 | 206 | 206 | |
| | | | | | | | | |
| 8.5 Towing coupling design / DIN type, ref. | | | | dB(A) | | | | |
| | 8.5 | Towing coupling design / DIN type, ref. | | | Pin | Pin | Pin | |

Mitsubishi FD150NM1S Diesel Seated 15000 600 795 3100 18010 29910 / 3100 8170 / 9840 L/L $10.00 \times 20-18 PR$ 10.00 × 20-18 PR 4x / 2 1905 1925 15 / 12 3480 88 3300 5130 2960 1960 735 6060 4842 2605 88 × 180 × 1220 no 2280 300 355 6555 6755 4550 1815 19.0 / 29.5 0.33 / 0.42 0.48 / 0.4067000 / 38000 21.2 / 19.7 Pneumatic 6D16-TL 100 2200 6 / 7550 Powershift / 3 206 85 Pin

FD100NM1S/FD120NM1S Model

Mast Performance and Capacity

| | FD100N | IM1S, FD1 | 20NM1S | FD100NM1S | | | FD120NM1S | | |
|--------------|--------|-----------|--------|-----------|-------|-----------|-----------|-----------|--|
| ## 60 | | | | | | Q @ | | Q @ | |
| Mast type | h1 | h3 | h4 | Tilt | h2/h3 | c = 600mm | h2/h3 | c = 600mm | |
| | mm | mm | mm | deg | mm | kg | mm | kg | |
| | 3090 | 3000 | 4490 | 15°F/12°B | 70 | 10000 | 75 | 12000 | |
| | 3240 | 3300 | 4790 | 15°F/12°B | 70 | 10000 | 75 | 12000 | |
| | 3340 | 3500 | 4990 | 15°F/12°B | 70 | 10000 | 75 | 12000 | |
| | 3440 | 3700 | 5190 | 15°F/12°B | 70 | 10000 | 75 | 12000 | |
| ĕ | 3590 | 4000 | 5490 | 15°F/12°B | 70 | 10000 | 75 | 12000 | |
| Simplex | 3840 | 4500 | 5990 | 15°F/12°B | 70 | 10000 | 75 | 12000 | |
| Si | 4090 | 5000 | 6490 | 15°F/12°B | 70 | 10000 | 75 | 12000 | |
| | 4340 | 5500 | 6990 | 15°F/12°B | 70 | 10000 | 75 | 12000 | |
| 1 | 4640 | 6000 | 7490 | 6°F/6°B | 70 | 9800 | 75 | 11800 | |
| | 4940 | 6600 | 8090 | 6°F/6°B | 70 | 9400 | 75 | 11300 | |
| | 5190 | 7000 | 8490 | 6°F/6°B | 70 | 9200 | 75 | 11100 | |



Full-suspension vinyl seat

Spacious operator compartment

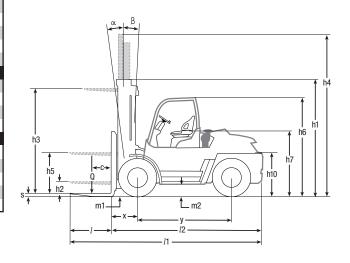


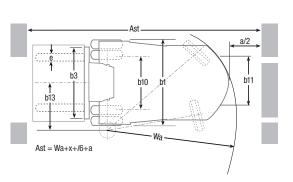
Heavy-duty steer axle

FD135NM1S/FD150NM1S Model

Mast Performance and Capacity

| | IM1S, FD1 | 50NM1S | FD135NM1S | | | FD150NM1S | | |
|--------------|-----------|--------|-----------|-------|------|-----------|------|-----------|
|) st | | | | | | Q @ | | Q @ |
| Mast type | h3 | h4 | Tilt | h2/h3 | h1 | c = 600mm | h1 | c = 600mm |
| | mm | mm | deg | mm | mm | kg | mm | kg |
| | 3000 | 4930 | 15°F/12°B | 90 | 3335 | 13500 | 3335 | 15000 |
| | 3300 | 5230 | 15°F/12°B | 90 | 3485 | 13500 | 3485 | 15000 |
| | 3500 | 5430 | 15°F/12°B | 90 | 3635 | 13500 | 3585 | 15000 |
| | 3700 | 5630 | 15°F/12°B | 90 | 3735 | 13500 | 3685 | 15000 |
| l ă | 4000 | 5930 | 15°F/12°B | 90 | 3885 | 13500 | 3885 | 15000 |
| Simplex | 4500 | 6430 | 15°F/12°B | 90 | 4135 | 13500 | 4135 | 15000 |
| Si | 5000 | 6930 | 15°F/12°B | 90 | 4385 | 13500 | 4385 | 13500 |
| | 5500 | 7430 | 15°F/12°B | 90 | 4685 | 13500 | 4685 | 15000 |
| | 6000 | 7930 | 6°F/6°B | 90 | 4935 | 13300 | 4935 | 14600 |
| | 6600 | 8530 | 6°F/6°B | 90 | 5285 | 12800 | 5285 | 14200 |
| | 7000 | 8930 | 6°F/6°B | 90 | 5485 | 12600 | 5485 | 13800 |





Ast = Working aisle width

Wa = Turning radius

a = Safety clearance = $2 \times 100 \text{ mm}$

16 = Pallet length (800 or 1000 mm)

b12 = Pallet width (1200 mm)





Premium LED/LCD information panel



Responsive hydrostatic steering



Easy access step and grab handle

Drive

- Powerful six-cylinder diesel engine provides superior performance.
- Low-speed torque delivers controlled, yet powerful acceleration for maximum productivity.
- Rapid-response turbocharger maximises operator performance.
- High-efficiency drivetrain features 3/3 speed automatic transmission that converts engine power to torque, for optimal power in rugged applications.

Hvdraulics

- Large, easy-to-reach levers give operators precise control of hydraulics - with minimum effort.
- Intuitive fingertip controls available as an option offers the ultimate in driver ergonomics and, if needed, can even be operated using heavy, protective gloves.

Electrical and control systems

Integrated Presence System (IPS) provides parking brake alarm, seat belt, warning light and hydraulic and interlock system for added safety

Operator compartment and controls

- **Small-diameter steering** wheel, with full hydrostatic steering assistance. ensures precise and rapid steering response - with very little effort.
- **Premium information** display keeps operators aware of issues affecting performance - from fuel levels to fluid temperatures - encouraging good maintenance.
- Wide steps with grab handles offer easy on/off access to the spacious operator's compartment reducing operator fatigue and risk of slips, trips and falls.

 Generous leg room with tiltable steering column and adjustable full-suspension seat ensures a relaxed driving position for all operators.

Other features

- RapidAccess features include quick release floor and side panels - no tools required - for faster daily inspections.
- Low-noise design features rubber-mounted components, fully insulated steel engine hood, helical gears and enclosed wheel arches for maximum operator comfort.
- 500-hour service interval and long component life reduces downtimes and associated costs.

Options

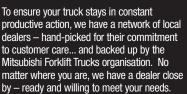
- Intuitive fingertip controls
- Choice of seats
- Integral sideshifter
- **Dust protection packages**
- Front and rear working lights
- Integral fork positioner
- Oil-cooled disk brakes



The term 'Integrated Presence System' (IPS) is intended as a trading style, only to describe a number of design features on the Mitsubishi trucks to which IPS is applied. It does not imply that the truck can be driven without appropriate operator training and without due care and attention. The manufacturer (MCFE, Almere, the Netherlands) cannot accept any responsibility for any accidents or damage caused by incorrect or dangerous use of its equipment.

Like any product bearing the Mitsubishi name, our materials handling equipment benefits from the huge resources and cutting-edge technology of one of the world's largest corporations. So when we promise you quality, reliability and value for money, you know it's a guarantee we have the power to deliver.

Every model in our comprehensive, awardwinning range of forklift trucks and warehouse equipment is built to a high specification and is designed to keep on working for you... day after day... year after year... whatever the job... whatever the conditions.



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